

Job# 8-5176 BASF
ETT 112 August 30, 1996

HER 01169

DAILY TIME LOC

DATE	9-4-86	CUSTOMER	BASF
JOB NO.		WARGE	EXT=112

START TIME 8:04 AM

STOP TIME 4:30 PM

NAME	HOURS	TOTAL HOURS	NAME	HOURS	TOTAL HOURS
SILVA	4				
Pedro	6				
mark	2				
CLAUDIO	4				
Quintan	2				
Mingo	4				
Terino	4				
Daniel	4				

MATERIAL LIST:

HER 01170

JOB DESCRIPTION:

Pack Black Valve; and Valve (from Pump to Load Tank)
Packed Greased. Black Valve had Bent Shaft had to
Replace with New Valve. Pump out water from "H" #4 bldg
6" holding water and "H" #1 - 5" standing water. Replace and
weld new hatch & cover to wing tank #7, Weld Bracket holding
Pipeline (from Pump to valve) Fabricate Hatch (Stem lost ~~the~~ Run.
with ~~the~~

DAILY TIME LOG

DATE	9-3-86	CUSTOMER	BASF
JOB NO.	5176	DARGE	ETT-112

START TIME 8:00 AM

STOP TIME 5:00 PM

NAME	HOURS	TOTAL HOURS	NAME	HOURS	TOTAL HOURS
Cludair	8 1/2				
Cason	8				
Cross	8				
Quinton	8				
Moss	8				
Rosen	8 1/2				
Vilas	4				
Redman	4				

MATERIAL LIST:

(4) Four Air Respirator Filters, (2) Two Flashlight Batteries, (2) Two White Paper Covers, (2) Two Flashlight Batteries.

JOB DESCRIPTION:

Hot Chemical Wash and Blow Dry.

HER 01171

Barge Cleaning Report

JOB NO 5176 ETA _____
BARGE NO ETT-112 DATE/TIME ARRIVAL 9-3-96 = 7:30
CUSTOMER BASF DATE/TIME START 9-3-96 = 8:00
PRODUCT ANOLIN DATE/TIME COMPLETE 9-4-96 = 4:30

AMOUNT STRIPPED 300

CLEANING INST. BY Roberts COMPLETION SCH. BY _____ OVERTIME AUTH. BY _____

BARGE INSP. BY DeWitt DATE/TIME _____ RELEASED TO _____ DATE/TIME _____

DEEPWELL OPENED: YES N/A NO _____ CLOSED BY _____ NEW GASKET: YES _____ NO _____

BELOW DECK CARGO PIPELINE:

BLIND OPENED: YES ✓ NO _____ CLOSED BY Rivera NEW GASKET: YES _____ NO ✓

DECK CHECK VALVE OPENED: YES N/A NO _____ CLOSED BY _____ NEW GASKET: YES _____ NO _____

DECK HEADER BLINDS OPENED: YES ✓ NO _____ INSECTED BY CALEB BRETT _____

DECK HEADER DRAIN PLUG OPENED: YES ✓ NO _____ CLOSED BY Quinter

VAPOR RECOVERY HEADER OPENED: YES ✓ NO _____ CLOSED BY Rivera NEW GASKET: YES _____ NO _____

RUST SCALE: YES _____ NO ✓ WASHED OUT _____ BUCKETED OUT _____

NUMBER OF CARGO TANKS 3 CONDITION OF CARGO VALVES _____

SLOP TANK STRIPPED: YES N/A NO _____ DRIP PANS STRIPPED: YES _____ NO ✓

WEATHER: TEMP 90 RAIN _____ FOG _____ HUMIDITY _____ OVERCAST _____ CLOUDY _____ CLEAR ✓

PIPELINE WASHED: YES ✓ NO _____ PIPELINE BLOWN: YES ✓ NO _____ INSPECTED BY CALEB BRETT _____

BOW RAKE CHECKED: YES ✓ NO _____ STERN RAKE CHECKED: 3 YES ✓ NO _____

VOIDS: YES ✓ NO _____ SAFETY EQUIPMENT USED: _____

SUMPS INSPECTED: ✓

NOTICE

All barges cleaned for BASF will be inspected by Caleb Brett. The inspector will have paperwork for the Hercules foreman in charge to sign. The foreman will put two copies in the document mail box. One copy will stay in the mailbox, and the captain of the tugboat that is picking up the barge will not be called until inspection is completed and documentation is in the mailbox. If any problems, BASF logistics representative must be contacted.

Date Inspected 9/4/96

Time in: 1535

Time out: 1610

Inspected By: Arthur Dwyer
Caleb Brett

NO BASF BARGE THAT HAS BEEN CLEANED WILL BE RELEASED UNTIL CALEB BRETT HAS SIGNED THE RELEASE PAPERS. CALEB BRETT WILL BE GIVEN A COPY OF THIS FORM.

HER 01172



Inchcape Testing Services

Caleb Brett

VISUAL TANK INSPECTION REPORT

YOUR REFERENCE
OUR REFERENCE

VESSEL ETT-112	PRODUCT / CARGO N/A	PORT / TERMINAL Hercules	DATE 9-4-96
--------------------------	-------------------------------	------------------------------------	-----------------------

Tank Number	1,2,3c						
Tank Coating	N/A						
Last Cargo	Anclon						
Second Last Cargo	N/A						
Third Last Cargo	N/A						
Time/Date Inspected	1550/9-4-96						
Visual Cleanliness Accepted/Rejected*	Accepted						
Reason for Rejection	—						

Method said to have been used to clean tanks:	TK#	Hot chemical wash = blow dry / pump deg degreaser in tank 1,2,3c
	TK#	Washed Pipeline 180°-200° 2 hours total / 1 hr hours to blow dry.
	TK#	Washed cargo tank 160°-180° 30 min per tank / blow dry for 45 min. each
	TK#	8 hours 1 st day / 7 hrs 2 nd day for chemist & hot work for
	TK#	ventilation
	TK#	
	TK#	

Information regarding previous cargoes, tank coating and cleaning method was obtained from vessel personnel and cannot be guaranteed as accurate by Caleb Brett and no liability can be assumed for errors resulting from improper information supplied. This report, of necessity, is based on such information.

- * The cleanliness of inspected tank(s) is/are based on visual inspection of tank surfaces and line system at accessible areas only. This document does not cover the cleanliness of tank surfaces and line system at inaccessible spots and/or possible release of components of previous cargoes during loading, discharge or transport of the cargo in question, for which the vessel is fully responsible. Suitability of tank coating for intended cargo must be guaranteed by vessel's owner or by suppliers of the coating.

[Signature]

[Signature]
FOR CALEB BRETT

HER 01173



TIME LOG

YOUR REFERENCE
OUR REFERENCE

VESSEL ETI-112	PRODUCT/CARGO N/A	PORT/TERMINAL Hercules	DATE 9-4-96
-------------------	----------------------	---------------------------	----------------

[illegible]

For Vessel

FOR CALEB BRETT

HER 01174

HERCULES

MARINE SERVICES CORPORATION

P. O. Drawer O • Freeport, Texas 77541

INVOICE NO. 3540

DATE Sept. 25, 1996

Job No. 9-5176

Location Freeport, TX

TO: BASF
607 Copper Road
Freeport, TX 77541

PLEASE REMIT PAYMENTS TO:
11011 RICHMOND
SUITE 500
HOUSTON, TX. 77042

Terms : Net 30

FOR:

Service to the ETT 112 as follows:

On 9/3 set up equipment for hot water chemical wash, Vapor recovery, strip and blow dry. On 9/4 repacked block valve, repacked valve (located between pump and line going toward cargo tank.) Had to replace block valve due to bent shaft on valve. Pump out water from #1 & #4 wing tanks. Replaced and weld new hatch and cover to wing tank #1, weld brackets back onto angle (bracket that support pipeline from pump to valve) Fabricated new latch for wing bolt on hatch cover to stern box.

LABOR:	Journeyman	87 hr.	@	32.50 (ST)	2827.50
DISPOSAL:	Water	2000 gal	@	0.35	700.00
STOCK:	48.90	Plus 25%	=	12.23	61.13
CHEMIST:	300.00	Plus 25%	=	75.00	375.00
EQUIPMENT:	Compressor	10 hr	@	48.00	480.00
	Air Movers	30 hr	@	5.00	150.00
	Steam Rig	3 hr	@	100.00	300.00
	3" Gas Pump	2 hr.	@	18.00	36.00
	2" Strip Pump	4 hr.	@	15.00	60.00

TOTAL AMOUNT DUE \$4,989.63

PHONE: (409) 233-6371

Strength through Experience, Equipment, Know-How

HER 01175

Job Workscope/Breakdown

Job No 9-5176 Date: 9-3-96 Invoice Number: 3540
 Customer: BASF Barge/M/V: ETT 112

Foreman:	S/T	@	38.00	
	O/T	@	53.25	
Leadman:	S/T	@	35.00	
	O/T	@	49.50	
Journeyman:	S/T	<u>87</u>	@ 32.50	<u>2,827.50</u>
	O/T		@ 45.75	
Disposal:	Slop Oil	@	0.60	
	Water	<u>2,000</u>	@ 0.35	<u>700.00</u>
Waste:		@	5.00/1,000 gal	
Material:			Plus 25%	
Stock:	<u>48.90</u>		Plus 25% <u>12.23</u>	<u>61.13</u>
Chemist:	<u>300.00</u>		Plus 25% <u>75.00</u>	<u>375.00</u>
Equipment:	Compressor	<u>18</u> ¹⁰	@ 48.00	<u>576.00</u> 480.00
	Air Movers	<u>48</u> ³⁰	@ 5.00	<u>240.00</u> 150.00
	Forklift		@ 30.00	
	Tugboat		@ 100.00	
	Steam Rig	<u>43</u>	@ 100.00	<u>4300.00</u> 300.00
	Vacuum		@ 30.00	
	Hand Hose		@ 12.00	
	Weld Machine	<u>3</u>	@ 15.00	<u>45.00</u>
	Cherry Picker		@ 70.00	
	Crane		@ 120.00	
	3" Gas Pump	<u>2</u>	@ 18.00	<u>36.00</u>
	2" Strip Pump	<u>4</u>	@ 15.00	<u>60.00</u>
	Butterworth		@ 10.00	
	4" Elec. Pump		@ 15.00	
	Cutting Rig	<u>1</u>	@ 8.00	
	Haul Out		@ 1,100.00	<u>8.00</u>
	Truck		@ 25.00	
	Hand Tools		@ 10.00	

HER 01176

Total Invoice:

5,275.63
4,999.63 ^{VB}



Strength through environmental awareness and customer service

P.O. Drawer O
Freeport, Texas 77541

Office (409) 233-6371
Fax. (409) 233-6375

Date: 9-4-96 Job No: 5176 Barge/MV: ETT-112

EQUIPMENT	HOURS
Compressor	2
Air Movers	16
Vacuum	
Steam Rig	
Hand Hose	
Boiler	
2" Strip Pump	2
3" Diesel Pump	
4" Electric Pump	
Crane	
Cherry Picker	
Forklift	
Tug Boat	
Welding Machine	3
Cutting Rig	1
Work Barge	
Haul Out	
Truck	
Hand Tools	

STOCK	NUMBER
Coveralls	
Batteries	
Respirator Filters	
Gloves	
Flashlights	
Gaskets	2 = 8 INCHES
Goggles	
Boots	
Raincoats	
White Rags	

HER 01177



Strength through environmental awareness and customer service

P.O. Drawer O
Freeport, Texas 77541

Office (409) 233-6371
Fax. (409) 233-6375

Date: 9-3-96 Job No: 5776 Barge/M/V: ET-112

EQUIPMENT	HOURS
Compressor	8
Air Movers	32
Vacuum	4
	4
Hand Hose	4
Butterworth	
2" Strip Pump	4
3" Diesel Pump	
4" Electric Pump	
Crane	
Cherry Picker	
Forklift	
Tug Boat	
Welding Machine	
Cutting Rig	
Work Barge	
Haul Out	
Truck	
Hand Tools	

STOCK	NUMBER
Coveralls 7.10	2
Batteries 4.50	2
Respirator Filters 24.00	4
Gloves 9.00	2
Flashlights	
Gaskets	
Goggles	
Boots	
Raincoats	
White Rags	

3.55 each
2.25 each
6.00 each
1.75 each

HER 01178

SAFETY MEETING/TRAINING SESSION

Date: 10-22-96 Meeting Leader(s): Larry Ballinger

Location/Rig: Freeport Vard

Meeting/Session Topic: Designated Smoking Area's & Personal Protective Equipment

ATTENDEES

(Each employee must sign this sheet.)

<u>Daniel Hernandez</u>	<u>David Mercado</u>
<u>Domingo Driel</u>	<u>Rosalia Davis</u>
<u>Alonso Cueto</u>	<u>Juan M. Viera</u>
<u>Emilio Rodriguez</u>	<u>Jose L. Gomez</u>
<u>Daniel Duran</u>	
<u>Amos R Nieto</u>	
<u>John Dant</u>	
<u>Pedro Arana</u>	
<u>Juan J. Cueto</u>	
<u>Juan Enrique Alvarez</u>	
<u>Jose A. Casas</u>	
<u>John Trelaw</u>	
<u>Yago Cruz</u>	

(List Absent Employees and Reason for Absence on Back)

1. Gloves will save cut and bruised fingers and hands.
2. Never put your hand between two objects as it is being hoisted.
3. When lowering equipment with an overhead crane or lifting device, be sure to keep feet clear.
4. Never stand under a load that is being hoisted.
5. When working with grating, always wear gloves.

SAFETY MEETING/TRAINING SESSION

Date: 10-17-96 Meeting Leader(s): _____

Location/Rig: Freeport Yard

Meeting/Session Topic: Horse Play

ATTENDEES

(Each employee must sign this sheet.)

<u>David Mercado</u>	<u>L. Rivera</u>
<u>Luis M. Nino</u>	<u>José A. Casas</u>
<u>Domestico, Daniel</u>	<u>José A. Alvarado</u>
<u>Humalá, Rodolfo</u>	<u>Alvaro Cruz</u>
<u>Arturo J. Nino</u>	
<u>Amos R. Nieto</u>	
<u>John F. Nino</u>	
<u>José G. Gómez</u>	
<u>Juan Enrique Alvarez</u>	
<u>R. G. Nino</u>	
<u>David Hernandez</u>	
<u>Rosario C. Perez</u>	

(List Absent Employees and Reason for Absence on Back)

HERCULES OFFSHORE CO.

INVOICE NO. 3540

MARINE REPAIR

MARINE OPERATIONS FACILITY

ORDER No. 8-5176

CUSTOMER P.O.

DATE	ORDER WRITTEN	ETA
	8/30/96	
	ARRIVAL	
	9/3/96	
	COMPLETION DATE	
	DEPARTURE DATE	
	NAME <u>EMT 112</u>	
	LOA	WIDTH
	FOREMAN	
	LAST PRODUCT	
	GAS FREEING YES <input type="checkbox"/> NO <input type="checkbox"/>	CERTIFICATE REQUIRED YES <input type="checkbox"/> NO <input type="checkbox"/>
	HAUL OUT FOR INSPECTION AND REPAIR YES <input type="checkbox"/> NO <input type="checkbox"/>	
	ON WAYS	DATE: _____
	ON WAYS	DATE: _____

CUSTOMER	NAME	
	BASF	
	BILLING ADDRESS	
	CITY AND STATE	
	PHONE NUMBER	
	WORK AUTHORIZED BY	O/Y AUTHORIZED BY
	STOCK MATERIAL <input type="checkbox"/> YES <input type="checkbox"/> NO	
	IF YES, COMPLETE STOCK MATERIAL TRANSFER TICKET	
	OUTSIDE SERVICES <input type="checkbox"/> YES <input type="checkbox"/> NO	
	IF YES, LIST	

ITEM NUMBERS

1 Hot water Chemical wash including vapor recovery, strip, blow & dry

2 Repack Black Valve; Repack Valve (located between Pump and line going toward cargo tank. Black Valve Replace (because of bent shaft on Valve) with new Valve. Pump out water from wing tank #4 (holding water 6"); Pump 5" water from #4 #1. Replaced and Weld new hatch & cover to #4 #1. Weld Bracket back onto angle (bracket that support Pipeline from Pump to Valve) Fabricate new hatch for wing Bolt on Hatch cover to Stern Box.

6

7

8

9

10

THIS SHALL SERVE AS YOUR AUTHORIZATION TO PROCEED WITH THE ABOVE.

Signed: Alexander Duarte

Date: 9-3-96

HERCULES OFFSHORE CO.

INVOICE NO. 3540

MARINE REPAIR

MARINE OPERATIONS FACILITY

CUSTOMER P.O.

ORDER No. 8-5176

DATE	ORDER WRITTEN	ETA
	8/30/96	
	ARRIVAL	
	9/3/96	
	COMPLETION DATE	
	DEPARTURE DATE	
	M/V <input type="checkbox"/> BARGE <input checked="" type="checkbox"/>	
	NAME ETT 112	
	LOA	WIDTH
	FOREMAN	
	LAST PRODUCT	
	GAS FREEING YES <input type="checkbox"/> NO <input type="checkbox"/>	CERTIFICATE REQUIRED YES <input type="checkbox"/> NO <input type="checkbox"/>
	HAUL OUT FOR INSPECTION AND REPAIR YES <input type="checkbox"/> NO <input type="checkbox"/>	
	ON WAYS	DATE:
	ON WAYS	DATE:

CUSTOMER	NAME
	BASF
	BILLING ADDRESS
	CITY AND STATE
	PHONE NUMBER
	WORK AUTHORIZED BY
	BY AUTHORIZED BY
	STOCK MATERIAL <input type="checkbox"/> YES <input type="checkbox"/> NO
	IF YES, COMPLETE STOCK MATERIAL TRANSFER TICKET
	OUTSIDE SERVICES <input type="checkbox"/> YES <input type="checkbox"/> NO
	IF YES, LIST

ITEM NUMBERS

1 Hot water Chemical wash including vapor recovery, strip, blow & dry

2 Repack Black Valve; Repack Valve (located between Pump and line going toward cargo tank. Black Valve Replace (because of bent shaft on Valve) with new Valve. Pump out water from wing tank #4 (holding water 6"); Pump 5" water from #4 #1. Replaced and Weld new hatch & cover to #4 #1. Weld Bracket back onto angle (bracket that support Pipeline from Pump to Valve) Fabricate new hatch for wing Bolt on Hatch cover to Stern Box.

6

7

8

9

10

THIS SHALL SERVE AS YOUR AUTHORIZATION TO PROCEED WITH THE ABOVE.

Signed: *Alvin Duarte*

Date: 8-3-96

HER 01182

ERIC L. MOORE MARINE CHEMIST OFFICE (713) 520-5479
P.O. BOX V - FREEPORT, TX 77542 FAX (409) 299-6655

MARINE CHEMIST CERTIFICATE

SERIAL NO. G 78696

LARRY
Survey Requested by
ETT 112
Vessel

HERCULES
Vessel Owner or Agent
TANK BARGE
Type of Vessel
LEL-IT-VISUAL
Tests Performed

4 SEP 96
Date
HERCULES FRT TX
Specific Location of Vessel
12:00
Time Survey Completed

CARGO TANKS No 1 2 & 3

WING TANKS No 1 2, 3 & 4 - PORT
& STARBOARD

SAFE FOR WORKERS

SAFE FOR HOTWORK

BOW RAKE

STERN BOX

ATMOSPHERIC TEST 20.8% O₂
0% LEL

PROVIDE VENTILATION DURING ARI ENTRY BY WORKERS

In the event of any physical or atmospheric changes adversely affecting the STANDARD SAFETY DESIGNATIONS assigned to any of the above spaces, or if in any doubt, immediately stop all work and contact the undersigned Marine Chemist.

QUALIFICATIONS: Movement of vessels from original location, transfer of ballast, or manipulation of valves or closure equipment tending to alter conditions in pipe lines, tanks or compartments subject to gas accumulation, unless specifically approved in this Certificate, requires inspection and endorsement or release of Certificate for the spaces so affected. All lines, vents, heating coils, valves, and similarly enclosed appurtenances shall be considered "not safe" unless otherwise specifically designated.

STANDARD SAFETY DESIGNATIONS (partial list, paraphrased from NFPA 306 Subsections 2-3.1 through 2-3.5, and Subsection 6-3.2)

SAFE FOR WORKERS: Means that in the compartment or space so designated: (a) the oxygen content of the atmosphere is at least 19.5 percent by volume; and that, (b) toxic materials in the atmosphere are within permissible concentrations; and that, (c) the residues are not capable of producing toxic materials under existing atmospheric conditions while maintained as directed on the Marine Chemist's Certificate.

NOT SAFE FOR WORKERS: Means that in the compartment or space so designated, the requirements of Safe for Workers have not been met.

ENTER WITH RESTRICTIONS: Means that in any compartment or space so designated, entry for work may be made only if conditions of proper protective equipment, clothing, and time are as specified.

SAFE FOR HOT WORK: Means that in the compartment so designated: (a) oxygen content of the atmosphere is at least 19.5 percent by volume, with the exception of inerted spaces or where external hot work is to be performed; and that, (b) the concentration of flammable materials in the atmosphere is below 10 percent of the lower flammable limit; and that, (c) the residues are not capable of producing a higher concentration than permitted by (b) above under existing atmospheric conditions in the presence of fire, and while maintained as directed on the Marine Chemist's Certificate; and further, that, (d) all adjacent spaces containing or having contained flammable or combustible materials have been cleaned sufficiently to prevent the spread of fire, or are satisfactorily inerted, or, in the case of fuel tanks or lube oil tanks, or engine room or fire room bilges, have been treated in accordance with the Marine Chemist's requirements.

NOT SAFE FOR HOT WORK: Means that in the compartment so designated, the requirements of Safe for Hot Work have not been met.

SAFE FOR REPAIR YARD ENTRY: Means that the compartments and spaces of the flammable cryogenic liquid carrier so designated: (a) have been tested by sampling at remote sampling stations, and results indicate the atmosphere tested to be above 19.5 percent oxygen, and less than 10 percent of the lower flammable limit, or (b) are inerted.

CHEMIST'S ENDORSEMENT: This is to certify that I have personally determined that all spaces in the foregoing list are in accordance with NFPA 306 Control of Gas Hazards on Vessels and have found the condition of each to be in accordance with its assigned designation.

"The undersigned acknowledges receipt of this Certificate under Section 2-6 of NFPA 306 and understands conditions and limitations under which it was issued."

This Certificate is based on conditions existing at the time the inspection herein set forth was completed and is issued subject to compliance with all qualifications and instructions.

Signed Roger S. Moore - Hercules
Name Company

3-4-96
Date

Signed [Signature]
Name Chemist

Certificate No. 126

NOTE: THIS CERTIFICATE IS VALID ONLY ON MARINE VESSELS

ERIC L. MOORE MARINE CHEMIST OFFICE (713) 520-5479
P. O. BOX V - FREEPORT, TX 77542 FAX (409) 299-8855

MARINE CHEMIST CERTIFICATE
SERIAL NO. G78696

LARRY	HERCULES	4 SEPT 96
Survey Requested by	Vessel Owner or Agent	Date
ETT 112	TANK BARGE	HERCULES FPI 1A
Vessel	Type of Vessel	Specific Location of Vessel
ANALINE	LEL - IT - VISUAL	12:00
Last Three (3) Cargoes	Tests Performed	Time Survey Completed

CARGO TANKS NO 12 & 3

WING TANKS NO 12, 3 & 4 - PORT
& STARBOARD

SAFE FOR WORKERS
SAFE FOR HOTWORK

BOW RAKE

STERN BOX

ATMOSPHERIC TEST 20.8% O₂
0% LEL

PROVIDE VENTILATION DURING ALL ENTRY BY WORKERS

In the event of any physical or atmospheric changes adversely affecting the STANDARD SAFETY DESIGNATIONS assigned to any of the above spaces, or if in any doubt, immediately stop all work and contact the undersigned Marine Chemist.

QUALIFICATIONS: Movement of vessels from original location, transfer of ballast, or manipulation of valves or closure equipment tending to alter conditions in pipe lines, tanks or compartments subject to gas accumulation, unless specifically approved in this Certificate, requires inspection and endorsement or reissue of Certificate for the spaces so affected. All lines, vents, heating coils, valves, and similarly enclosed appurtenances shall be considered "not safe" unless otherwise specifically designated.

STANDARD SAFETY DESIGNATIONS (partial list, paraphrased from NFPA 306 Subsections 2-3.1 through 2-3.5, and Subsection 6-3.2)

SAFE FOR WORKERS: Means that in the compartment or space so designated: (a) the oxygen content of the atmosphere is at least 19.5 percent by volume; and that, (b) toxic materials in the atmosphere are within permissible concentrations; and that, (c) the residues are not capable of producing toxic materials under existing atmospheric conditions while maintained as directed on the Marine Chemist's Certificate.

NOT SAFE FOR WORKERS: Means that in the compartment or space so designated, the requirements of Safe for Workers have not been met.

ENTRY WITH RESTRICTIONS: Means that in any compartment or space so designated, entry for work may be made only if conditions of proper protective equipment, clothing, and time are as specified.

SAFE FOR HOT WORK: Means that in the compartment so designated: (a) oxygen content of the atmosphere is at least 19.5 percent by volume, with the exception of inerted spaces or where external hot work is to be performed; and that, (b) the concentration of flammable materials in the atmosphere is below 10 percent of the lower flammable limit; and that, (c) the residues are not capable of producing a higher concentration than permitted by (b) above under existing atmospheric conditions in the presence of fire, and while maintained as directed on the Marine Chemist's Certificate; and further, that, (d) all adjacent spaces containing or having contained flammable or combustible materials have been cleaned sufficiently to prevent the spread of fire, or are satisfactorily inerted, or, in the case of fuel tanks or lube oil tanks, or engine room or fire room bilges, have been treated in accordance with the Marine Chemist's requirements.

NOT SAFE FOR HOT WORK: Means that in the compartment so designated, the requirements of Safe for Hot Work have not been met.

SAFE FOR REPAIR YARD ENTRY: Means that the compartments and spaces of the flammable cryogenic liquid carrier so designated: (a) have been tested by sampling at remote sampling stations, and results indicate the atmosphere tested to be above 19.5 percent oxygen, and less than 10 percent of the lower flammable limit, or (b) are inerted.

CHEMIST'S ENDORSEMENT: This is to certify that I have personally determined that all spaces in the foregoing list are in accordance with NFPA 306 Control of Gas Hazards on Vessels and have found the condition of each to be in accordance with its assigned designation.

The undersigned acknowledges receipt of this Certificate under Section 2-6 of NFPA 306 and understands conditions and limitations under which it was issued.

This Certificate is based on conditions existing at the time the inspection herein set forth was completed and is issued subject to compliance with all qualifications and instructions.

Signed	<i>Roger C. Moore</i>	Date	3-4-96	Signed	<i>Am J M</i>	Certificate No.	1210
	Heracles				Marine Chemist		

NOTE: THIS CERTIFICATE IS VALID ONLY ON MARINE VESSELS

LARRY
Survey Requested by
ETT 112
Vessel
ANALINE
Last Three (3) Cargoes
HERCULES
Vessel Owner or Agent
TANK BARGE
Type of Vessel
LEL-0₂-IT-VISUAL
Tests Performed
4 SEP 96
Date
HERCULES FPI 1X
Specific Location of Vessel
12:00
Time Survey Completed

CARGO TANKS No 1 2 & 3

WING TANKS No 1 2, 3 & 4 - PORT

& STARBOARD

SAFE FOR WORKERS

SAFE FOR HOTWORK

BOW RAKE

STERN BOX

ATMOSPHERIC TEST 20.8% O₂
0% LEL

PROVIDE VENTILATION DURING ALL ENTRY BY WORKERS

In the event of any physical or atmospheric changes adversely affecting the STANDARD SAFETY DESIGNATIONS assigned to any of the above spaces, or if in any doubt, immediately stop all work and contact the undersigned Marine Chemist.

QUALIFICATIONS: Movement of vessels from original location, transfer of ballast, or manipulation of valves or closure equipment tending to alter conditions in pipe lines, tanks or compartments subject to gas accumulation, unless specifically approved in this Certificate, requires inspection and endorsement or reissue of Certificate for the spaces so affected. All lines, vents, heating coils, valves, and similarly enclosed appurtenances shall be considered "not safe" unless otherwise specifically designated.

STANDARD SAFETY DESIGNATIONS (partial list, paraphrased from NFPA 306 Subsections 2-3.1 through 2-3.5, and Subsection 6-3.2)

SAFE FOR WORKERS: Means that in the compartment or space so designated: (a) the oxygen content of the atmosphere is at least 19.5 percent by volume; and that, (b) toxic materials in the atmosphere are within permissible concentrations; and that, (c) the residues are not capable of producing toxic materials under existing atmospheric conditions while maintained as directed on the Marine Chemist's Certificate.

NOT SAFE FOR WORKERS: Means that in the compartment or space so designated, the requirements of Safe for Workers have not been met.

ENTER WITH RESTRICTIONS: Means that in any compartment or space so designated, entry for work may be made only if conditions of proper protective equipment, clothing, and time are as specified.

SAFE FOR HOT WORK: Means that in the compartment so designated: (a) oxygen content of the atmosphere is at least 19.5 percent by volume, with the exception of inerted spaces or where external hot work is to be performed; and that, (b) the concentration of flammable materials in the atmosphere is below 10 percent of the lower flammable limit; and that, (c) the residues are not capable of producing a higher concentration than permitted by (b) above under existing atmospheric conditions in the presence of fire, and while maintained as directed on the Marine Chemist's Certificate; and further, that, (d) all adjacent spaces containing or having contained flammable or combustible materials have been cleaned sufficiently to prevent the spread of fire, or are satisfactorily inerted, or, in the case of fuel tanks or lube oil tanks, or engine room or fire room bilges, have been treated in accordance with the Marine Chemist's requirements.

NOT SAFE FOR HOT WORK: Means that in the compartment so designated, the requirements of Safe for Hot Work have not been met.

SAFE FOR REPAIR YARD ENTRY: Means that the compartments and spaces of the flammable cryogenic liquid carrier so designated: (a) have been tested by sampling at remote sampling stations, and results indicate the atmosphere tested to be above 19.5 percent oxygen, and less than 10 percent of the lower flammable limit, or (b) are inerted.

CHEMIST'S ENDORSEMENT. This is to certify that I have personally determined that all spaces in the foregoing list are in accordance with NFPA 306 Control of Gas Hazards on Vessels and have found the condition of each to be in accordance with its assigned designation.

The undersigned acknowledges receipt of this Certificate under Section 2-6 of NFPA 306 and understands conditions and limitations under which it was issued.

This Certificate is based on conditions existing at the time the inspection herein set forth was completed and is issued subject to compliance with all qualifications and instructions.

Signed Roger C. Moore - Hercules 3-4-96
Name Company Date
Signed [Signature]
Marine Chemist Certificate No. 126

NOTE: THIS CERTIFICATE IS VALID ONLY ON MARINE VESSELS

ERIC L. MOORE MARINE CHEMIST OFFICE (713) 520-5479
P. O. BOX V - FREEPORT, TX 77542 FAX (409) 299-8655

MARINE CHEMIST CERTIFICATE

SERIAL NO. G78696

LARRY
Survey Requested by
ETT 112

HERCULES
Vessel Owner or Agent
TANK BARGE

4 SEPT 96
Date

ANALINE
Last Three (3) Cargoes

LEL - U₂ - IT - VISUAL
Tests Performed

HERCULES TPI 1X
Specific Location of Vessel
12.00
Time Survey Completed

CARGO TANKS NO 1 2 & 3

WING TANKS NO 1 2, 3 & 4 - PORT
& STARBOARD

SAFE FOR WORKERS

SAFE FOR HOTWORK

BOW RAKE

STERN BOX

ATMOSPHERIC TEST 20.8% O₂
0% LEL

PROVIDE VENTILATION DURING ALL ENTRY BY WORKERS

In the event of any physical or atmospheric changes adversely affecting the STANDARD SAFETY DESIGNATIONS assigned to any of the above spaces, or if in any doubt, immediately stop all work and contact the undersigned Marine Chemist

QUALIFICATIONS: Movement of vessels from original location, transfer of ballast, or manipulation of valves or closure equipment tending to alter conditions in pipe lines, tanks or compartments subject to gas accumulation, unless specifically approved in this Certificate, requires inspection and endorsement or reissue of Certificate for the spaces so affected. All lines, vents, heating coils, valves, and similarly enclosed appurtenances shall be considered "not safe" unless otherwise specifically designated.

STANDARD SAFETY DESIGNATIONS (partial list, paraphrased from NFPA 306 Subsections 2-3.1 through 2-3.5, and Subsection 6-3.2)

SAFE FOR WORKERS: Means that in the compartment or space so designated: (a) the oxygen content of the atmosphere is at least 19.5 percent by volume; and that, (b) toxic materials in the atmosphere are within permissible concentrations; and that, (c) the residues are not capable of producing toxic materials under existing atmospheric conditions while maintained as directed on the Marine Chemist's Certificate.

NOT SAFE FOR WORKERS: Means that in the compartment or space so designated, the requirements of Safe for Workers have not been met.

ENTER WITH RESTRICTIONS: Means that in any compartment or space so designated, entry for work may be made only if conditions of proper protective equipment, clothing, and time are as specified.

SAFE FOR HOT WORK: Means that in the compartment so designated: (a) oxygen content of the atmosphere is at least 19.5 percent by volume, with the exception of inerted spaces or where external hot work is to be performed; and that, (b) the concentration of flammable materials in the atmosphere is below 10 percent of the lower flammable limit; and that, (c) the residues are not capable of producing a higher concentration than permitted by (b) above under existing atmospheric conditions in the presence of fire, and while maintained as directed on the Marine Chemist's Certificate; and further, that, (d) all adjacent spaces containing or having contained flammable or combustible materials have been cleaned sufficiently to prevent the spread of fire, or are satisfactorily inerted, or, in the case of fuel tanks or lube oil tanks, or engine room or fire room bilges, have been treated in accordance with the Marine Chemist's requirements.

NOT SAFE FOR HOT WORK: Means that in the compartment so designated, the requirements of Safe for Hot Work have not been met.

SAFE FOR REPAIR YARD ENTRY: Means that the compartments and spaces of the flammable cryogenic liquid carrier so designated: (a) have been tested by sampling at remote sampling stations, and results indicate the atmosphere tested to be above 19.5 percent oxygen, and less than 10 percent of the lower flammable limit, or (b) are inerted.

CHEMIST'S ENDORSEMENT. This is to certify that I have personally determined that all spaces in the foregoing list are in accordance with NFPA 306 Control of Gas Hazards on Vessels and have found the condition of each to be in accordance with its assigned designation.

"The undersigned acknowledges receipt of this Certificate under Section 2-6 of NFPA 306 and understands conditions and limitations under which it was issued."

This Certificate is based on conditions existing at the time the inspection herein set forth was completed and is issued subject to compliance with all qualifications and instructions.

Signed

Roger C. Moore - Hercules

3-4-96

Date

Signed

Eric L. Moore

Marine Chemist

Certificate No.

NOTE: THIS CERTIFICATE IS VALID ONLY ON MARINE VESSELS



Strength through environmental awareness and customer service

P.O. Drawer O
Freeport, Texas 77541

Office (409) 233-6371
Fax: (409) 233-6375

Final Check List

DATE: 9-3-96

BARGE: Ett-112

BLND NUMBER CHECKED

2

GATE VALVE NUMBER CHECKED

6

PLUGS NUMBER CHECKED

1

CHECK VALVE NUMBER CHECKED

N/A

DEEPWELL BLIND NUMBER CHECKED

N/A

BELOW DECK CARGO PIPELINE BLIND NUMBER

N/A

REPLACED GASKET

YES ☐ NO ☒

YES ☐ NO ☒

YES ☐ NO ☒

YES ☐ NO ☐

YES ☐ NO ☐

YES ☐ NO ☐

BELOW DECK CARGO PIPELINE BLIND REMOVED

YES ☒ NO ☐

DRIP PAN VALVES: Closed By: CALE DRIP PANS COVER:

Closed by: N/A

CONTAINMENT AREA PLUG OR VALVES:

Closed by: N/A

AIR TEST CARGO LINE - 40 psi - USING SOAP

SIGNATURE OF TESTER:

Charles D. West

SIGNATURE OF WITNESS:

John C. Smith

CHECK VALVE GASKET WILL BE REPLACED

AIR TEST IS LAST THING TO BE DONE BEFORE RELEASING BARGE.

HER 01187

DECLARATION OF INSPECTION
PRIOR TO BULK CARGO TRANSFER

VESSELS BASE
ETT-112
 TRANSFER FACILITY HERCULES MARINE
 LOCATION EXCEPT TOWAC

The following list refers to requirements set forth in detail in 33 CFR 156.150 and 46 CFR 35.35-30 (printed on reverse). The spaces adjacent to items are provided to indicate that the detailed requirement has been met.

	Deliverer	Receiver
1. Communication System/Language Fluency (156.120) (m) (p)	/	/
2. Warning Signs and red Warning Signals (35.35-30)	/	/
3. Vessels Moorings. (156.120 (d))	/	/
4. Transfer System Alignment (156.120 (d))	/	/
5. Transfer System: unused components (156.120 (e))	/	/
6. Transfer Systems; fixed piping (156.120 (f))	/	/
7. Overboard Discharges/See Suction Valves (156.120 (g))	/	/
8. Hoses or Loading Arms condition (156. (h) 156.170)	/	/
9. Hoses; length and support (156.120 (b) (c))	/	/
10. Connections (156.130)	/	/
11. Discharge Containment Systems (156.120 (I) (1))	/	/
12. Stoppers or Drains (156.120 (k))	/	/
13. Emergency Shutdown (156.120 (n))	/	/
14. Repair Work Authorization (35.35-30)	/	/
15. Boiler and Galley Fires Safety (35.35-30)	/	/
16. Fires or Open Flames (35.35-30)	/	/
17. Lighting (sunset to sunrise) (156.120 (T))	/	/
18. Safe Smoking Spaces (35.35-30)	/	/
19. Spill and Emergency Shutdown procedures. (156.120 (q))	/	/
20. Sufficient Personnel (156.120 (o) (a))	/	/
21. Transfer Conferences (156.120 (q))	/	/
22. Agreement to begin transfer (156.120 (r))	/	/

I do certify that I have personally inspected this facility or vessel with reference to the requirements printed on reverse and that opposite each of them. I have indicated that the regulations have been complied with.

Person in Charge of Receiving Unit	Title	Time and Date
<u>Charles D. White</u>	<u>FOREMAN</u>	<u>9-3-96 8:00</u>
Person in Charge of Delivering Unit	Title	Time and Date
<u>Charles D. White</u>	<u>FOREMAN</u>	<u>9-4-96</u>

HER 01188

HAZARDS COMMUNICATION STANDARD

OSHA 1910.1200

EMPLOYEE HAZARDOUS MATERIALS TRAINING PROGRAM

Date 9-3-96 Supervisor Phyllis Duester

Plant HOVELOS MARINE Client Safety

Area GAS Free DOCK
ETT-110

The following listed materials are considered to be hazardous to the employees working in this area:

<u>ANOLON</u>		

The employees assigned to work in this area have been informed of the hazardous materials in this area, the hazards they present to the workers, the location of hazards listed, the protective equipment that has been provided and where it is located, and procedures to be followed in case of an accidental exposure. I have received the training listed above and will so designate by signing this form:

Logan Cuy
Louise Carson
John Zuber
John Pinner
Phyllis Duester

HER 01189

**MATERIAL SAFETY
DATA SHEET**

 BASF Corporation Chemicals Division
 100 Cherry Hill Road, Parsippany, New Jersey 07654, (201) 261-3400

BASF

HMIS: H2 F2 R0

PRODUCT NUMBER: 526172 ANOLON®

SECTION I - Registered Trademark

TRADE NAME: ANOLON®

CHEMICAL NAME: Mixture of cyclohexanone and cyclohexanol

SYNONYMS: N/A

FORMULA: Mixture

CHEMICAL FAMILY: Cyclic Ketone and Alcohol

MOL. WGT.: N/A

SECTION II - INGREDIENTS

COMPONENT	CAS NO.	%	PEL/TLV - SOURCE
ANOLON®		100	
Contains: Cyclohexanone	108-94-1	~40	50ppm (200 mg/m3) TWA OSHA PEL
Cyclohexanol	108-93-0	~60	25ppm (100 µg/m3) TWA (skin) ACGIH TLV 50ppm (200 mg/m3) TWA OSHA PEL, ACGIH TLV

SECTION III - PHYSICAL DATA

BOILING/MELTING POINT @760 mm Hg: 78-106 C / N/A	pH: N/A
VAPOR PRESSURE mm Hg @20 C: N/A	
SPECIFIC GRAVITY OR BULK DENSITY: 0.9418	
SOLUBILITY IN WATER: 3.6-6.0 g/100 g	
APPEARANCE: Pale yellow liquid	ODOR: Camphor
	INTENSITY: N/A

SECTION IV - FIRE AND EXPLOSION HAZARD DATA

FLASH POINT (TEST METHOD): 50.6 C (T.C.C.)	AUTOIGNITION TEMP: 300 C
FLAMMABILITY LIMITS IN AIR (% BY VOL):	LOWER: 1.1 UPPER: 8.1
EXTINGUISHING MEDIUM:	Use water fog, alcohol foam, CO2, or dry chemical extinguishing media.
SPECIAL FIREFIGHTING PROCEDURES:	Firefighters should be equipped with self-contained breathing apparatus and turn out gear. Water may be ineffective but should be used to keep exposed containers cool.
UNUSUAL FIRE AND EXPLOSION HAZARDS:	Vapors are heavier than air, and may travel to a source of ignition causing flashback.

EMERGENCY TELEPHONE NUMBER

CHEMTREC 800-424-9300

201-263-3400

201-263-3400

THIS NUMBER IS AVAILABLE DAYS, NIGHTS, WEEKENDS AND HOLIDAYS

PRODUCT NUMBER: 526172

ANDLON

SECTION V - HEALTH DATA**TOXICOLOGICAL TEST DATA:****RESULT:****ANDLON- (Components)**

Cyclohexanone

Rat, Oral LD50

Rabbit, Dermal LD50

Cyclohexanol

Rat, Oral LD50

Rabbit, Skin Irritation

Rabbit, Eye Irritation

1.8 g/kg

1 g/kg

2.1 g/kg

Mildly Irritating.

Severely Irritating.

EFFECTS OF OVEREXPOSURE:

This material is an irritant. Eye contact with the liquid can cause moderate to severe irritation and corneal injury. Vapors are irritating to the eye, nose, and throat. The liquid is a moderate skin irritant and repeated or prolonged exposure can cause irritation or dermatitis. Material may be skin absorbed. Excessive inhalation can cause narcosis, headache, drowsiness, tremors and other central nervous system effects. Based on animal studies, overexposure could lead to liver, heart, and/or kidney damage.

FIRST AID PROCEDURES:

Eyes-Immediately wash eyes with running water for 15 minutes.

If irritation develops, consult a physician.

Skin-Wash affected areas with soap and water. Remove and launder contaminated clothing before reuse. If irritation develops, consult a physician.

Ingestion-If swallowed, dilute with water and immediately induce vomiting. Never give fluids or induce vomiting if the victim is unconscious or having convulsions. Get immediate medical attention.

Inhalation-Move to fresh air. Aid in breathing, if necessary, and get immediate medical attention.

SECTION VI - REACTIVITY DATA**STABILITY:**

Stable.

CONDITIONS TO AVOID:

Excessive heat; Ignition sources.

CHEMICAL INCOMPATIBILITY:

Oxidizing/reducing agents, plastics, resins, rubber.

HAZARDOUS DECOMPOSITION PRODUCTS:

CO, CO2.

HAZARDOUS POLYMERIZATION:

Does not occur.

CONDITIONS TO AVOID:

Stable under normal storage conditions.

CORROSIVE TO METAL:

No

OXIDIZER:

No

SECTION VII - SPECIAL PROTECTION**RESPIRATORY PROTECTION:**

NIOSH/MSHA-approved organic vapor respirator as necessary.

Use an air-supplied or a self-contained breathing apparatus in emergency or non-routine, high exposure situations.

EYE PROTECTION:

Chemical goggles; also use face shield if splashing hazard exists.

PROTECTIVE CLOTHING:

skin contact.

Gloves, coveralls, apron, boots as necessary to prevent

VENTILATION:

Local exhaust to control to recommended P.E.L.

OTHER:

eye wash station and safety shower should be near work area.

HER 01191

PRODUCT NUMBER: 320172 ANOLON-

SECTION VIII - ENVIRONMENTAL DATA		
ENVIRONMENTAL TOXICITY DATA: None available.		
SPILL AND LEAK PROCEDURES: Spill should be contained, solidified, and placed in suitable containers for disposal in a RCRA licensed facility. This material is RCRA hazardous due to its properties.		
HAZARDOUS SUBSTANCE SUPERFUND: Yes (Cyclohexanone) RQ (lb): 5000		
WASTE DISPOSAL METHOD: Incinerate in a RCRA licensed facility. Do not discharge into waterways or sewer systems without proper authority.		
HAZARDOUS WASTE 40CFR261: Yes HAZARDOUS WASTE NUMBER: D001		
CONTAINER DISPOSAL: Empty containers with less than 1 inch of residue may be landfilled at a licensed facility. Recommend crushing or other means to prevent unauthorized reuse. Other containers must be disposed of in a RCRA licensed facility.		
SECTION IX - SHIPPING DATA		
D.O.T. PROPER SHIPPING NAME (49CFR172.101-102) Combustible Liquid, NOS.	HAZARDOUS SUBSTANCE (49CFR CERCLA LIST) REPORTABLE QUANTITY (RQ)	
D.O.T. HAZARD CLASSIFICATION (CFR172.101-102) PRIMARY Combustible Liquid		SECONDARY
D.O.T. LABELS REQUIRED (49CFR172.101-102) PKG - None	D.O.T. PLACARDS REQUIRED (CFR172.504) BULK ONLY Combustible-1993	POISON CONSTITUENT (49CFR172.203(K))
BILL OF LADING DESCRIPTION: Combustible Liquid, NOS-(Contains Cyclohexanone)-NA 1993 RQ 5000lbs. *** Placarded: Combustible *** (Chemicals, NOSM)		
CC NO. 830	UN/NA CODE 1993	
DATE PREPARED: 12 / 6 / 88		UPDATED: 6 / 16 / 89

WHILE BASF CORPORATION BELIEVES THE DATA SET FORTH HEREIN ARE ACCURATE AS OF THE DATE HEREOF, BASF CORPORATION MAKES NO WARRANTY WITH RESPECT THERETO AND EXPRESSLY DISCLAIMS ALL LIABILITY FOR RELIANCE THEREON. SUCH DATA ARE OFFERED SOLELY FOR YOUR CONSIDERATION, INVESTIGATION, AND VERIFICATION.

PRODUCT NUMBER: 526172

ANGLON®

SECTION X - PRODUCT LABEL

ANGLON®

WARNING: COMBUSTIBLE

CONTACT WITH EYES CAN RESULT IN IRRITATION AND CORNEAL INJURY. REPEATED OR PROLONGED CONTACT WITH SKIN CAN RESULT IN IRRITATION OR DERMATITIS. MAY BE SKIN ABSORBED. INHALATION CAN CAUSE NARCOSIS, HEADACHE, DROWSINESS, TREMORS AND OTHER CENTRAL NERVOUS SYSTEM EFFECTS. BASED ON ANIMAL STUDIES, OVER-EXPOSURE COULD LEAD TO LIVER, HEART AND KIDNEY DAMAGE.

Use with local exhaust. Wear a NIOSH/MSHA-approved organic vapor respirator, chemical goggles, gloves, coveralls, apron, boots and other protective clothing as necessary to prevent contact. Eyewash fountains and safety showers must be easily accessible. If splashing may occur, wear a full face shield.

FIRST AID:

Eyes-Immediately wash eyes with running water for 15 minutes.

If irritation develops, consult a physician.

Skin-Wash affected areas with soap and water. Remove and launder contaminated clothing before reuse. If irritation develops, consult a physician.

Ingestion-If swallowed, dilute with water and immediately induce vomiting. Never give fluids or induce vomiting if the victim is unconscious or having convulsions. Get immediate medical attention.

Inhalation-Move to fresh air. Aid in breathing. If necessary, and get immediate medical attention.

STORAGE AND HANDLING: Avoid excessive heat and sources of ignition. Store in a clean, cool, well-ventilated no-smoking area in sealed and grounded containers.

IN CASE OF SPILLS OR LEAKS: Material is a RCRA-regulated product. Spills should be contained, absorbed and placed in suitable containers for disposal in a RCRA-licensed facility.

IN CASE OF FIRE: Use water fog, alcohol foam, or dry chemical extinguishing media. Firefighters should be equipped with self-contained breathing apparatus and turn-out gear.

EMPTY CONTAINERS: All labeled precautions must be observed when handling, storing and transporting empty containers due to product residues. Do not reuse this container unless it is professionally cleaned and reconditioned.

DISPOSAL: Spilled material, unused contents and empty containers must be disposed of in accordance with local, state and federal regulations. Refer to our Material Safety Data Sheet for specific disposal instructions.

IN CASE OF CHEMICAL EMERGENCY: Call CHEMTREC day or night for assistance and information concerning spilled material, fire, exposure and other chemical accidents 800-424-9300.

ATTENTION: This product is sold solely for use by industrial institutions.

Refer to our Technical Bulletin and Material Safety Data Sheet regarding safety, usage, applications, hazards, procedures and disposal of this product. Consult your supervisor for additional information.

Made in U.S.A.

CAS NO. 106-83-0; 106-84-1.

HMIS: H2 F2 R0

Seale Organic Chemicals

1288

NFPA: Not rated.

HERCULES OFFSHORE CO.

MARINE REPAIR

MARINE OPERATIONS FACILITY

INVOICE NO. 3540

ORDER No. 8-5170

CUSTOMER P.O.

DATE	ORDER WRITTEN	ETA
	8/30/96	
	ARRIVAL	
	9/3/96	
	COMPLETION DATE	
	DEPARTURE DATE	
	M/V <input type="checkbox"/> BARGE <input type="checkbox"/>	
	NAME	WT 112
	LOA	WIDTH
	FOREMAN	
	LAST PRODUCT	
	GAS FREEING YES <input type="checkbox"/> NO <input type="checkbox"/>	CERTIFICATE REQUIRED YES <input type="checkbox"/> NO <input type="checkbox"/>
	HAUL OUT FOR INSPECTION AND REPAIR YES <input type="checkbox"/> NO <input type="checkbox"/>	
	ON WAYS	DATE: _____
	ON WAYS	DATE: _____

CUSTOMER	NAME	RASF
	BILLING ADDRESS	
	CITY AND STATE	
	PHONE NUMBER	
	WORK AUTHORIZED BY	OFF AUTHORIZED BY
	STOCK MATERIAL	<input type="checkbox"/> YES <input type="checkbox"/> NO
	IF YES, COMPLETE STOCK MATERIAL TRANSFER TICKET	
	OUTSIDE SERVICES IF YES, LIST	<input type="checkbox"/> YES <input type="checkbox"/> NO

ITEM NUMBERS

1 for water Chemical wash including vapor recovery, strip, blow & dry

Check loading Valve (don't open)

2 Starboard wing tank, dog broke off needs replaced

3 fan engine maybe on back wards

4

5

6

7

8

9

10

THIS SHALL SERVE AS YOUR AUTHORIZATION TO PROCEED WITH THE ABOVE.

Signed: Alvin D. Smith

Date: 9-3-96

HER 01194

HERCULES OFFSHORE CO.

INVOICE NO. 3540

MARINE REPAIR

MARINE OPERATIONS FACILITY

ORDER No. 8-5170

CUSTOMER P.O.

DATE	ORDER WRITTEN	ETA
	8/30/96	
	ARRIVAL	
	9/3/96	
	COMPLETION DATE	
	DEPARTURE DATE	
	M/V <input type="checkbox"/> BARGE <input checked="" type="checkbox"/>	
	NAME	EXT 112
	LOA	WIDTH
	FOREMAN	
	LAST PRODUCT	
	GAS FREEING YES <input type="checkbox"/> NO <input type="checkbox"/>	CERTIFICATE REQUIRED YES <input type="checkbox"/> NO <input type="checkbox"/>
	HAUL OUT FOR INSPECTION AND REPAIR YES <input type="checkbox"/> NO <input type="checkbox"/>	
	ON WAYS	DATE:
	ON WAYS	DATE:

CUSTOMER	NAME	RASF
	BILLING ADDRESS	
	CITY AND STATE	
	PHONE NUMBER	
	WORK AUTHORIZED BY	BY AUTHORIZED BY
	STOCK MATERIAL	<input type="checkbox"/> YES <input type="checkbox"/> NO
	IF YES, COMPLETE STOCK MATERIAL TRANSFER TICKET	
	OUTSIDE SERVICES	<input type="checkbox"/> YES <input type="checkbox"/> NO
	IF YES, LIST	

ITEM NUMBERS

1 Hot water Chemical wash including vapor recovery, strip, blow & dry

Check loading Valve (Reel to open)

2 Starboard wing tank, dog broke off needs replaced

3 fan engine maybe on back wards

4

5

6

7

8

9

10

THIS SHALL SERVE AS YOUR AUTHORIZATION TO PROCEED WITH THE ABOVE.

Signed: _____ Date: _____

HER 01195

BASF Corporation

BASF

BASF BARGE SCHEDULE FOR HERCULES

August 30, 1996

Sunday, September 01, 1996

ETT 113 - Deballast and release to Brown Canal.

Tuesday, September 03, 1996

ETT 110 - Deballast and release to Brown Water IV.

**ETT 112 - Hot Chemical Wash, including Vapor Recovery, Strip, Blow & Dry.
Release to Brown Water IV.**

602 Cooper Road, Freeport, Texas 77541 (409) 238-6100

HER 01196



A DIVISION OF WILSON INDUSTRIES, INC.
MAIN OFFICE: 1301 CONTI STREET
P.O. BOX 1482 PHONE 713/237-3700
HOUSTON, TEXAS 77251-1482

Remit To:
P.O. Box 201597
Houston, Texas 77216-1597

WILSON INDUSTRIES INC.

WALLACE COMPANY AUTOMATED VALVE PRODUCTS WILSON SUPPLY COMPANY
WILSON DOWNHOLE SERVICES DIVISION WILSON INTERNATIONAL DEPARTMENT
HOUSTON ENGINEERS, INC. WILSON SUPPLY INTERNATIONAL (U.K.) LIMITED

SOLD TO: [illegible]
[illegible]
[illegible]
[illegible]

PAGE: 1 OF 1

SALES ORDER NO.: 245 10355

STORE: FREEPORT

CUSTOMER PURCHASE ORDER NO.:

1-50557-5

8-5176-91225

DATE:

09/04/96

ORDERED BY:

DIKTE/DM

DATE SHIPPED:

09/04/96

SHIPPED VIA:

WILL CALL

SHIPPED TO:

HERNDON

WILL CALL

FOR CHEMICAL EMERGENCY
SPILL, LEAK, FIRE, EXPOSURE, ACCIDENT
CALL CHEM TREE DAY OR NIGHT
1-800-424-9100

F.O.B.

DEST

PPD/COL.: MILEA

PPD

RIG NO.

FIELD AND LEASE:

LINE	ORDERED	SHIP	B/O	ON ITEM	DESCRIPTION OF MATERIAL	UNIT LIST	DISC.	UNIT NET	NET AMOUNT
1	1	00			0.00 (EAT) (G) (S) 5000 CAD, PLD. 8-7 W/ 28 ALX 0015 3/4, IN 3 1/2 IN	1.3500	0.00	1.3500	52.40

THANK YOU FOR YOUR BUSINESS!!!!!!

() SACKS () BUNDLES () COILS () DRUMS () PALLETS () BOXES

Handwritten signature

DELIVERED BY: [illegible]

RECEIVED BY: [illegible]

52.40

THIS ORDER IS SUBJECT TO THE CONDITIONS OF SALE SET FORTH ON THE REVERSE SIDE HEREOF.
THE CONDITIONS GOVERN WITH REGARD TO OTHER MATTERS: LOGISTICS AND PAYMENT TERMS,
TERMINALS, SHIPPING AND DELIVERY, INSURANCE AND TAXES. BY PLACING THIS ORDER CUSTOMER
WILSON WOULD HAVE ACCEPTED THE CONDITIONS OF SALE SET FORTH ON THE REVERSE SIDE HEREOF.

RESALE - THE EXEMPT OR

52.40

0.00

COMPLETE
SALES ORDER

52.40

COPY 2

HER 01197

CONDITIONS OF SALE

The following conditions, hereinafter referred to as the "Agreement," are applicable to the sale of materials described on the face hereof and any different or additional terms and conditions shall prevail in accordance with the order form or other Customer correspondence, and all shall hold harmless and indemnify provisions shall express and implied, and no material shall be perfect and void for all purposes.

QUOTATIONS & PAYMENT TERMS

All quotations and orders are for prompt shipment, unless otherwise specified, and all prices are subject to change without notice and to availability, and unless otherwise specified are for immediate delivery.

Customer agrees to pay within 30 days of materials ordered in accordance with prices quoted, or in accordance with prices reflected on bills of shipment, whichever is greater, at prices shown on the face of this Agreement are subject to verification by Wilson's Houston office, all prepaid freight, express and delivery charges and Net Cash.

Unless otherwise specified, the terms of Wilson's Houston office terms of sale shall be "NET 30 DAYS FROM DATE OF INVOICE" further, by placing this order, Customer agrees to the terms of sale as agreed to by Wilson's Houston office and any outstanding at the end of said 30 days, and subject to the terms of the Wilson's Houston office terms of sale, and any outstanding at the end of said 30 days, shall not apply) and interest not allowed on delinquent accounts, and all other applicable provisions of the Wilson's Houston office terms of sale shall apply to the order; all payments are in cash or by check, and all payments are to be made to Wilson's Houston office, 11111 North Loop East, Suite 100, Houston, Texas 77057. Customer agrees that Seller shall be authorized to have a purchase money security interest in the materials described on the face of this Agreement, and Seller shall be authorized to enforce collection of all amounts due to Seller from Customer, and Seller shall be authorized to employ an attorney to enforce collection of all amounts due to Seller from Customer, and Seller shall be authorized to pay all costs, expenses and reasonable attorney's fees incurred in the enforcement of this Agreement.

WARRANTIES & RETURNS

AS TO ALL MATERIALS SOLD HEREUNDER, SELLER FOR ITS PART EXTENDS NO WARRANTIES WHATSOEVER, BUT ONLY ASSIGNS TO CUSTOMER ALL THE SURFACE WARRANTIES AND REMEDIES RELATING THEREOF EXTENDED BY THE MANUFACTURERS OF SUCH MATERIALS TO WHICH SELLER IS ENTITLED, AND CUSTOMER AGREES TO LOOK SOLELY TO SUCH MANUFACTURERS WITH RESPECT TO CLAIMS AND REMEDIES RELATING TO SUCH MATERIALS. CONSISTENT HERewith, SELLER HAS NOT MADE, DOES NOT MAKE NOR EXTEND AND HEREBY DISCLAIMS, AND HEREBY DISCLAIMS ANY AND ALL REPRESENTATIONS, WARRANTIES, OF COVENANTS, EXPRESS OR IMPLIED, INCLUDING WITHOUT LIMITATION ALL WARRANTIES OF MERCHANTABILITY, FITNESS FOR ANY PARTICULAR PURPOSES, PERFORMANCE, CONSTRUCTION, DESIGN, APPLICATION, USE AND JOB DURABILITY, AND SELLER SHALL NOT BE RESPONSIBLE NOR LIABLE FOR SPECIAL OR CONSEQUENTIAL DAMAGES ARISING DIRECTLY OR INDIRECTLY OUT OF OR IN CONNECTION WITH THE USE, APPLICATION OR LOSS OF SUCH MATERIALS. FURTHER, SELLER SHALL HAVE NO LIABILITY FOR ANY CLAIMS FOR DAMAGES OR EXPENSES OF ANY KIND WHATSOEVER FOUNDED UPON NEGLIGENCE, STRICT LIABILITY OR ANY OTHER THEORY OF LAW.

Materials may be returned for a refund, provided that the materials are in original condition, and are returned within thirty (30) days of date of delivery. All returned materials must be accompanied by a copy of this invoice, and a refund of the original sales price will be made by check, and the materials will be accepted for return.

SHIPPING & DELIVERY

Seller makes every effort to ship Customer orders in such manner that the materials are not damaged when properly handled by freight line companies. Freight charges on materials are paid by Seller. If damage to or loss of materials occurs, the following shall apply: (1) before the freight company's driver or representative leaves, Customer must inspect the materials and have the driver or representative sign a bill of lading for the materials, and (2) Customer must file a claim with the freight line company if concealed damage or shortages should later be found, filing a successful claim will require a claim inspector's report, as well as preservation of the damaged materials and the damaged container in which the materials were received. Customer must remember that title to materials and risk of loss of materials to materials, passes to Customer at the time the materials are loaded onto the freight line company at Seller's dock or at a third party's dock. Customer must not refuse to accept materials from the freight line company unless the materials belong to the Customer and are not as received by the Seller without Seller's specific consent. If a claim is filed by Customer of any shipment will delay return of the materials to the freight line company on any damage or loss of materials, and the freight line company reserves the right to accept all shipments and to file appropriate claims, including in cases of direct shipment to Customer, and all claims filed by Customer.

Seller reserves the right to change and Customer agrees to pay for shipping charges, and Seller reserves the right to refuse to accept partial shipments. Seller is unable to guarantee any delivery dates and any delinquency in delivery shall be the responsibility of the freight line company or other damages against Seller, unless specific delivery dates have been expressly agreed to in writing by Seller.

Seller shall not be held responsible in any way for any delays in the delivery of materials, or for any damage to or destruction in whole or in part of materials, loss of or inability to obtain materials, labor, fuel or supplies, or any act of God or other cause, contingency or circumstances within or without the United States not subject to Seller's control which prevent or hinder the delivery of materials.

INSURANCE

Unless requested by Customer in writing and so approved by Seller, shipments are not necessarily insured against damage or loss in transit. Seller shall place insurance as nearly as possible in accordance with Customer's written instructions, but Seller shall do so solely on behalf of and at the expense of Customer, and Seller assumes no liability, whatsoever, for or by so doing.

TAXES

Any taxes, fees, duties, or charges which Seller may be required to pay or collect under existing or future laws, applicable to the sale, purchase, manufacture, transportation, delivery, storage, use, import, export, or consumption of any materials covered hereby are in addition to the sales price of such materials and shall be for the account of and shall be paid by Customer.

PATENTS, COPYRIGHTS AND TRADEMARKS

As to materials assembled or manufactured, in whole or in part, to Customer's specifications, Customer agrees to hold harmless and indemnify Seller from and against any claim, cause of action, lawsuit or other proceeding, including attorney's fees and related costs, brought against Seller, its agents, officers or suppliers on account of infringement of any patent, design or copyright trademark or trademark in connection therewith; this provision shall also extend in favor of any supplier or manufacturer of such materials.

APPLICABLE LAW & CONFLICTS

This Agreement shall be governed by and construed in accordance with the laws of the State of Texas. Should any part of these conditions be held invalid or illegal, such holding shall not affect the validity of the remaining conditions; failure to enforce any or all of these conditions in a particular instance by either party shall not constitute a waiver of such.

No terms or conditions, other than those stated herein, and no agreement, understanding or other action in any way purporting to modify or negate these conditions, whether contained in Customer's order form or any other Customer forms or elsewhere, shall be binding on Seller unless agreed to in writing and executed by an officer of Seller, no agent, employee, or representative of Seller is authorized to alter any of these conditions nor to agree to terms or conditions outside those stated herein.

MISCELLANEOUS

Consistent with (2) above, Seller makes no recommendation, nor extends its liability, in any regard, to any person or entity, with regard to items purchased by Customer, including without limitation, as to performance, condition, or quality, and any such recommendation or liability shall be the responsibility of the Customer.

All captions are for convenience only and do not constitute a part of this Agreement. In the event of any breach or default of this Agreement by Customer, Seller may employ a representative or attorney to remedy such breach or default, and Customer shall pay to Seller all costs, expenses and fees, including reasonable attorneys' fees, incurred by Seller in the enforcement hereof, and the obtaining of such remedy. By placing the order for materials covered hereby, Customer represents and warrants to Seller that Customer has not declared to pay its debts in the ordinary course of business, that it can pay its debts as they become due, and that it is and continues to be solvent within the meaning of the Federal Bankruptcy Act.

HER 01198